| Rèf<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| S6       | 150  | select same (arbitra\$3 scheme or<br>schedul\$3 scheme) (network<br>resource) server    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | OFF     | 2005/08/04 11:56 |
| S7       | 40   | choose same (arbitra\$3 scheme or<br>schedul\$3 scheme) (network<br>resource) server    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | OFF     | 2005/03/18 14:41 |
| S8       | : 66 | alternate same (arbitra\$3 scheme or<br>schedul\$3 scheme) (network<br>resource) server | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | OFF     | 2005/03/18 14:41 |
| S20      | 112  | (incoming near queue) (outgoing near queue)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND .               | OFF     | 2005/03/18 15:59 |
| S21      | 101  | (incoming near queue) (outgoing near queue) network                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | OFF     | 2005/03/18 15:59 |
| S22      | 89   | (incoming near queue) (outgoing near queue) network user                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | OFF     | 2005/03/18 15:59 |
| S23      | 89   | (incoming near queue) (outgoing near queue) network user data                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | OFF     | 2005/03/18 16:01 |
| S24      | 38   | (active near queue) (waiting near queue) network  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND                 | OFF     | 2005/03/18 16:02 |

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| S25 | 48       | (incoming near queue) (queue near3 signal)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/18 16:33 |
| S26 | - 45<br> | (incoming near queue) (queue near3 signal) network                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 08:36 |
| S27 | 124      | (incoming near queue) (queue near3 output) network                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 08:36 |
| S28 | 49       | (active near queue) and (waiting near queue)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 13:40 |
| S29 | 84       | (ready near queue) and (waiting near queue)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 13:42 |
| S30 | 169      | (ready near queue) and (wait\$ near queue)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 14:32 |
| 531 | 99       | (ready near queue) and (wait\$ near queue) network                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 14:44 |
| S32 | 152      | ((active or ready) near queue) and ((wait\$ or idle) near queue) network | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 14:45 |

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| S33 | 63  | (active near queue) and ((wait\$ or idle) near queue) network   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 14:51 |
| S34 | 68  | (active near queue) and ((wait\$ or idle) near queue) user      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 17:03 |
| S35 | 665 | multiple near queue   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 15:05 |
| S37 | 38  | (active near queue) and (pending near queue) user               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 17:13 |
| S39 | 962 | (queue near2 signal) network                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 17:14 |
| S40 | 287 | (queue near2 (output and signal))<br>network                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 17:36 |
| S41 | 48  | (queue near2 (output and signal)) network and (user near2 data) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/21 17:42 |
| S42 | 505 | (queue near1 output) network and (user near2 data)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/03/22 09:10 |

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| S43 | 9    | (queue near1 (output near1 signal)) network and (user near2 data)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF   | 2005/03/21 17:48 |
| S44 | . 18 | (queue near2 (output near2 signal)) network and (user near2 data)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF   | 2005/03/21 17:48 |
| S45 | 1    | ("5229991").PN.   | USPAT;<br>USOCR   | OR . | OFF   | 2005/03/22 09:10 |
| S46 | 1    | ("5271004").PN.   | USPAT;<br>USOCR   | OR   | OFF   | 2005/03/22 09:12 |
| S47 | 1    | ("5291482").PN.   | USPAT;<br>USOCR   | OR   | OFF   | 2005/03/22 09:15 |
| S48 | 1    | ("5303233").PN.   | USPAT;<br>USOCR   | OR   | OFF   | 2005/03/22 09:15 |
| S49 | 1    | ("5394397").PN.   | USPAT;<br>USOCR   | OR   | OFF   | 2005/03/22 09:18 |
| S50 | 1    | ("5436893").PN.   | USPAT;<br>USOCR   | OR   | OFF   | 2005/03/22 10:01 |
| S51 | . 24 | output near1 queue near1 signal                                       | USPAT   | AND  | OFF   | 2005/03/22 10:02 |
| S52 | 101  | (active near queue) and ((wait\$ or idle or pending) near queue) user | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF   | 2005/03/22 13:52 |
| S53 | 1    | ("6,157,963").PN.   | USPAT;<br>USOCR   | OR   | OFF   | 2005/03/22 14:45 |
| S54 | 1    | ("5,528,513").PN.   | USPAT;<br>USOCR   | OR   | OFF . | 2005/03/22 14:46 |
| S55 | 1    | ("6014367").PN.   | USPAT;<br>USOCR   | OR   | OFF   | 2005/03/22 14:46 |
| S56 | 1    | ("6014367").PN.   | USPAT;<br>USOCR   | OR   | OFF   | 2005/03/23 17:24 |
| S57 | . 1  | (smooth near deficit near weighted near round near robin)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF   | 2005/03/28 09:27 |

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| S58 | <b>1</b> | (smooth near deficit near weighted)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | OFF | 2005/03/28 09:27 |
| S59 | 7944     | (select or choose or input) near2<br>(arbitra\$3 or schedul\$3 (scheme or<br>algorithm))                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | OFF | 2005/08/04 11:57 |
| S60 | 7815     | (select or choose or input) near2<br>(arbitra\$3 or schedul\$3 adj (scheme<br>or algorithm))                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND . | OFF | 2005/08/04 12:04 |
| S61 | 1        | (select or choose or input) near2<br>(arbitra\$3 or schedul\$3 adj (scheme<br>or algorithm)) same (network adj<br>data)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | OFF | 2005/08/04 11:59 |
| S62 | 2        | (select or choose or input) near2<br>(arbitra\$3 or schedul\$3 adj (scheme<br>or algorithm)) same (network adj<br>resources) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | OFF | 2005/08/04 11:59 |
| S63 | 73       | (select or choose or input) near2<br>(arbitra\$3 or schedul\$3 adj (scheme<br>or algorithm)) and (network adj<br>resources)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | OFF | 2005/08/04 11:59 |
| S64 | 5553     | ("719").CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .  | OFF | 2005/08/04 11:59 |
| S65 | 23       | S64 and S60  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | OFF | 2005/08/04 12:01 |

| S66         | 2    | ("0000718").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/08/04 12:01 |
|-------------|------|---|---|------|-----|------------------|
| S67         | 5057 | ("718").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2005/08/04 12:01 |
| S68         | 44   | S60 and S67   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON  | 2005/08/04 12:01 |
| S69         | 9407 | (select or choose or input or<br>multiple or many) near2 (arbitra\$3<br>or schedul\$3 adj (scheme or<br>algorithm)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF | 2005/08/04 12:07 |
| S70         | 1665 | (multiple or many) near2 (arbitra\$3 or schedul\$3 adj (scheme or algorithm))                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF | 2005/08/04 13:27 |
| S71         | 24   | S70 and S64   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF | 2005/08/04 12:07 |
| <u>S</u> 72 | 1789 | (multiple or many) near2 (arbitra\$3 or schedul\$3 adj (scheme or algorithm))                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON  | 2005/08/04 13:50 |
| S73         | 5057 | ("718").CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/08/04 13:27 |

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| S74   | 42    | S72 and S73  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/08/04 13:27 |
| S75   | 114   | (multiple or many) near2 ((arbitra\$3 or schedul\$3) adj (scheme or algorithm))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/08/04 14:02 |
| S77   | 37986 | ("709").CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR    | OFF | 2005/08/04 13:50 |
| S78   | 107   | S72 and S77  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND . | ON  | 2005/08/04 13:55 |
| S79 · | 136   | (multiple or many or plurality) near2<br>((arbitra\$3 or schedul\$3) adj<br>(scheme or algorithm)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/08/04 14:02 |
| S80   | 23    | (plurality) near2 ((arbitra\$3 or schedul\$3) adj (scheme or algorithm))                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/08/04 14:12 |
| S81   | : 19  | (chang\$3) near2 ((arbitra\$3 or<br>schedul\$3) adj (scheme or<br>algorithm))                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/08/04 14:15 |
| S82   | 8     | (test\$3) near2 ((arbitra\$3 or<br>schedul\$3) adj (scheme or<br>algorithm))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND   | ON  | 2005/08/04 14:22 |

| S83 | . 3 | (pick\$3) near2 ((arbitra\$3 or<br>schedul\$3) adj (scheme or<br>algorithm)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT; | AND | ON | 2005/08/04 14:22 |
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|     |     |  | IBM_TDB  |     |    | : :              |